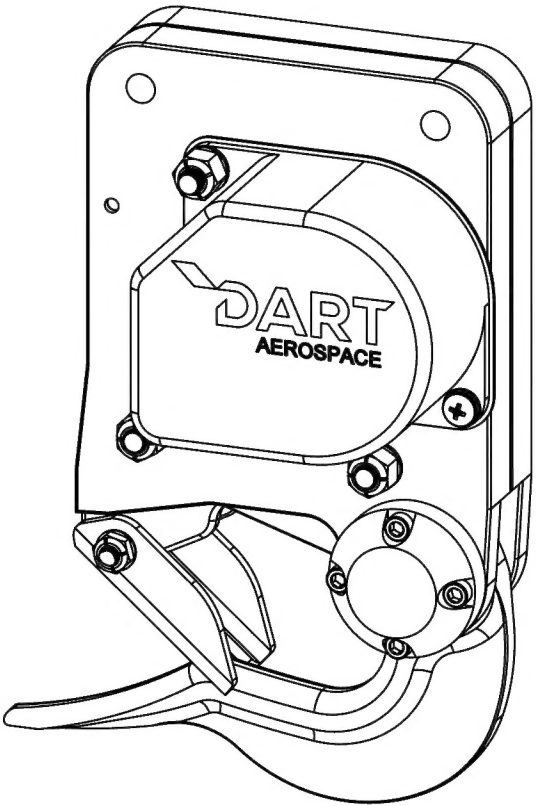
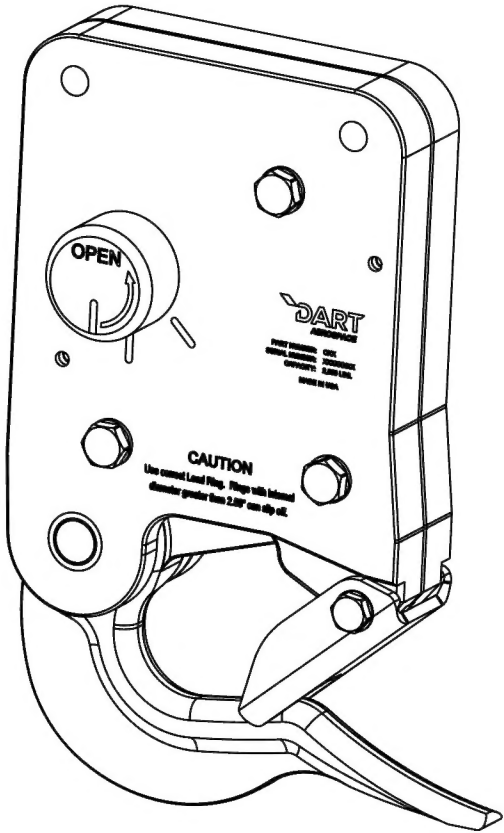


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SEE ATTACHED DEVIATION

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			C2-1-1	1	MANUAL RELEASE KNOB			2
			C2-2-1	1	SIDE PLATE			2
		B/O	C2-3-1	2	BEARING DU	BRONZE	(KAMAN #06DU04)	3
			C2-3-2	1	LATCH ROLLER PIN			3
		B/O	C2-3-2-1	2	RETAING RING	STEEL	Ø5/16 (KAMAN #1400-0031)	3
			C2-3-3	1	LATCH ROLLER			3
			C2-3-3-1	1	LATCH ROLLER DU BEARING	BRONZE		3
		B/O	C2-3-5	2	SPACER	NYLON	(MCMaster-CARR #95606A140)	3
			C2-3-6	1	LATCH			3
			C2-3-8	2	ACTUATOR BUSHING			3
			C2-3-10	1	LATCH SHAFT			3
			C2-3-11	1	ACTUATOR			3
		B/O	C2-4-1	2	TRUNNION BUSHING	BRONZE	(KAMAN #SF-1620-6)	2
			C2-4-4A	1	C2 LOAD BEAM ASSY			2
		B/O	C2-5-1	1	ACTUATOR STOP, DOWEL	STEEL	Ø3/16 X 7/8 (MCMaster-CARR #90145A509)	2
			C2-7-1	1	LOAD BEAM BUMPER			2
			C2-7-2	2	LOCK BUMPER			2
			C2-9-1	1	CLOCK SPRING COVER			2
			C2-9-2	1	CLOCK SPRING			2
		B/O	C2-9-3	4	SOCKET HEAD CAP SCREW	S.S.	8-32 X 5/8 (MCMaster-CARR #92185A196)	2
		B/O	C2-10-1	1	SPRING PIN	S.S.	Ø1/8 X 7/8 (MCMaster-CARR #92373A182)	2
			C2-11-1	1	SIDE PLATE SOLENOID			2
		B/O	C2-11-2	2	LOCATING PIN	S.S.	Ø3/16 X 1 (MCMaster-CARR #90145A510)	2
		B/O	C2-12-1	2	LOCK BUSHING	SINTERED BRONZE	(KAMAN #SF-812-4)	3
			C2-12-3	1	LOCK			3
		B/O	C2-12-7	2	LOCK SPACER RING	NYLON	#12 (MCMaster-CARR #95606A120)	3
			C2-12-8	2	DUST SHIELD			3
			C2-13-4	1	KEEPER			2
		B/O	C2-13-5	1	KEEPER SPRING		#18 GAGE (.0475) X 3-1/2 DENDOFF	2
		B/O	C2-14-2	2	LABEL RIVETS ⚠	18-8 S.S.	NO 4 (MCMaster-CARR #91654A106)	N/S
			C3-3-4	2	LINK PIN	DRILL ROD		3
		B/O	C3-3-4-1	4	RETAINING RING	STEEL	Ø1/8 (KAMAN #5100-0012SPP)	3
			C3-3-7	1	LINK	01		3
		B/O	C3-3-9	1	ACTUATOR SPRING	SS 304 WIRE	Ø.047 X 8 DENDOFF	3
			C3-8-2	1	SOLENOID ASSEMBLY			2
			C3-8-4	1	SOLENOID COVER GASKET	GASKET PAPER		2
			C3-8-5	1	SOLENOID COVER			2
			C3-10-2	1	LOCK SPRING	S.S.		3
			600.1310	1	LABEL ⚠	ALUMINUM		N/S
			600.1310-A	1	LABEL ⚠	ALUMINUM		N/S
		B/O	600.1314	1	CAUTION STICKER ⚠	VINYL	(SIGNS NOW)	N/S
		B/O	188-FPSS-1032-1/4	2	SET SCREW	S.S.	10-32 X 1/4 (MCMaster-CARR #94355A330)	2
		B/O	AN3-14A	1	KEEPER SHAFT BOLT	STEEL	#10-32 x 1-1/2	2
		B/O	AN4-16A	2	SCREW	STEEL	1/4-28 X 1-7/8	2
		B/O	AN4-17A	1	SCREW	STEEL	1/4-28 X 1-29/32	2
		B/O	AN960-10	1	WASHER	WASHER	#10	2
		B/O	AN960-10L	4	WASHER	STEEL	#10	2
		B/O	AN960-416	6	WASHER	STEEL	Ø1/4	2
		B/O	MS21044N4	3	LOCKNUT	STEEL	1/4-28	2
		B/O	MS21083N3	3	SELF-LOCKING NUT	STEEL	#10-32	2
		B/O	MS35266-63	1	SOLENOID COVER SCREW	S.S.	#10-32 X 7/8	2
		B/O	MS35338-137	4	SPRING WASHER	S.S.	#8	2
		B/O	CORD GRIP	1	CORD GRIP	BRASS	M8-x 1.25 (MCMaster-CARR #8183K6)	2
		B/O	EL-PLUG-M	1	MALE PLUG	PE High Density	(MCMaster-CARR #7216K5)	2
		B/O	M27500-16TG2T14	1	WIRE	16 GA SHIELDED WIRE	1 FOOT (AIRCRAFT SPRUCE MIL-C-27500 11-14416)	2
		B/O	32446	2	22-16 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS 32446)	2
		B/O		1	HEAT SHRINK TUBE	RUBBER	(MCMaster-CARR #2595K22)	N/S

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0149	CH'D TITLE BLOCK WAS RED BARN IS DART. CH'D P/N'S WAS C2-2-2 IS AN4-16A , WAS C2-2-2-1 IS AN960-416 , WAS C2-2-2-2 IS MS21044N4 , WAS C2-2-2-3 IS AN4-17A , WAS C2-8-1 & C2-13-3-1 IS MS21083N3 , WAS C2-8-1-1 & C2-13-3-2 IS AN960-10L , WAS C2-8-8 IS MS35266-63 , WAS C2-8-9 IS AN960-10 , WAS C2-13-3 IS AN3-14A , MS21083N3 CH'D DESCRIPTION WAS LOCKNUT, SOLENOID IS SELF-LOCKING NUT. ADDED NOTES ⚠ & ⚠.	9/15/2014	DPD	RW
2	15-0241	C2-1-2 DELETED; REPLACED WITH 188-FPSS-1032-1/4 . 32446 ADDED TO BOM QTY 2. ADDED ENGRAVING DETAIL & NOTES.	8/26/2015	DPD	JAG

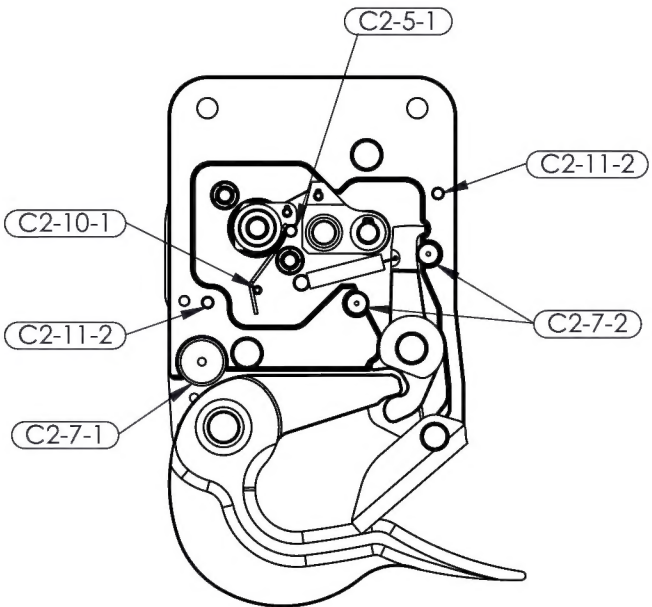


NOTE:
⚠ FOR REBUILD ONLY.
⚠ FOR CUSTOMER REBUILD ONLY.

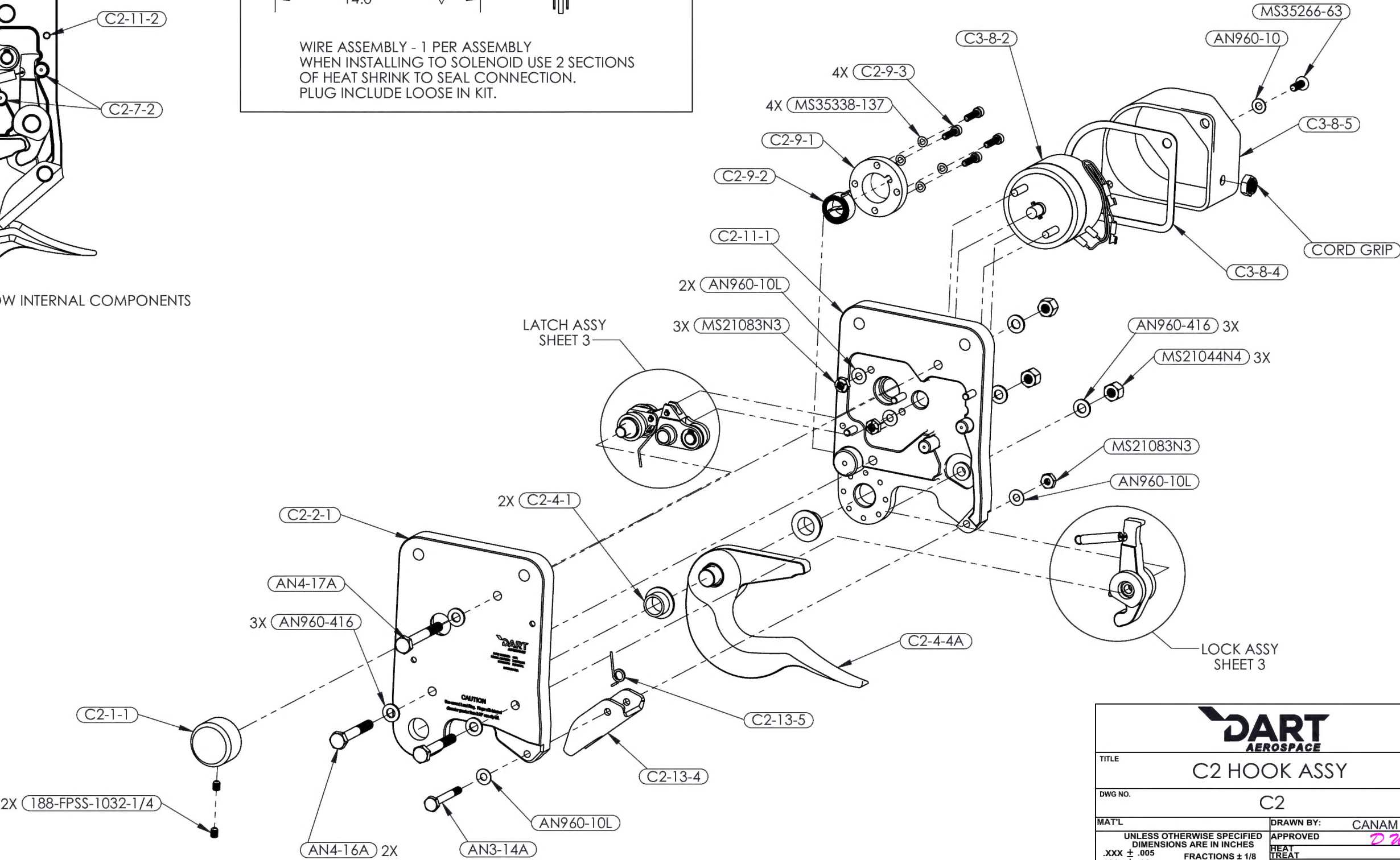
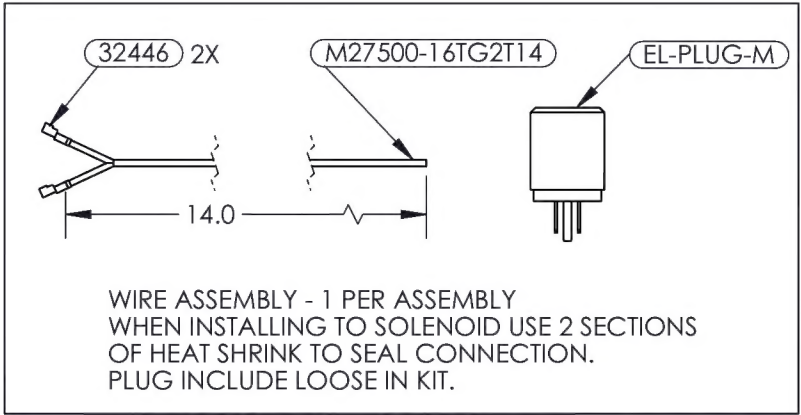
DART AEROSPACE			
TITLE C2 HOOK ASSY			
DWG NO. C2			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: CANAM APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL	
SCALE 1:2	DATE		SHEET 1 OF 3

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



SIDE PLATE REMOVED TO SHOW INTERNAL COMPONENTS



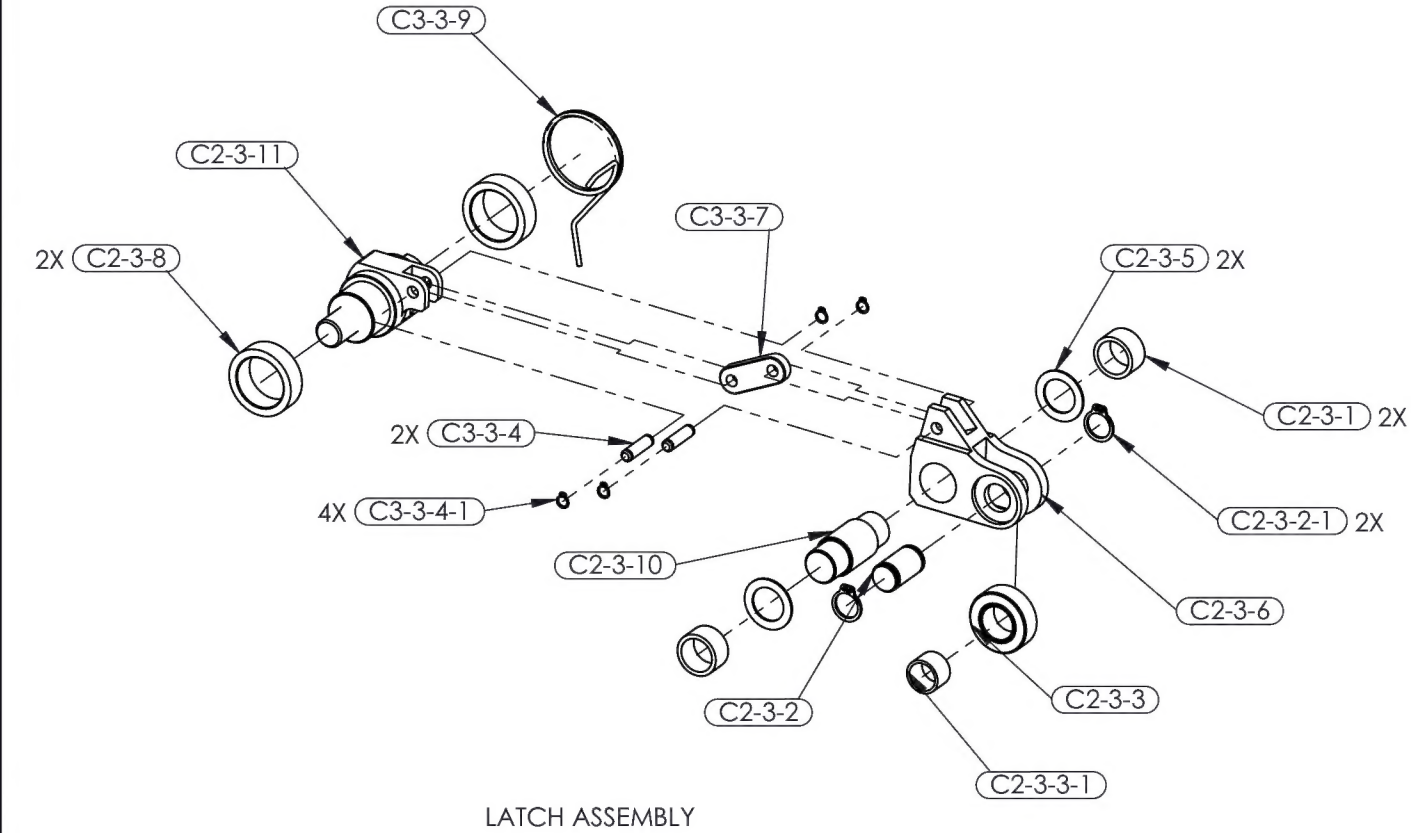
SEE ATTACHED DEVIATION

DART AEROSPACE			
TITLE C2 HOOK ASSY			
DWG NO. C2			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: CANAM APPROVED: <i>D. Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL	
SCALE 1:3	DATE		SHEET 2 OF 3

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SEE ATTACHED DEVIATION

REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
2	15-0241	ADDED ENGRAVING DETAIL & NOTES.			8/26/2015	DPD	JAG

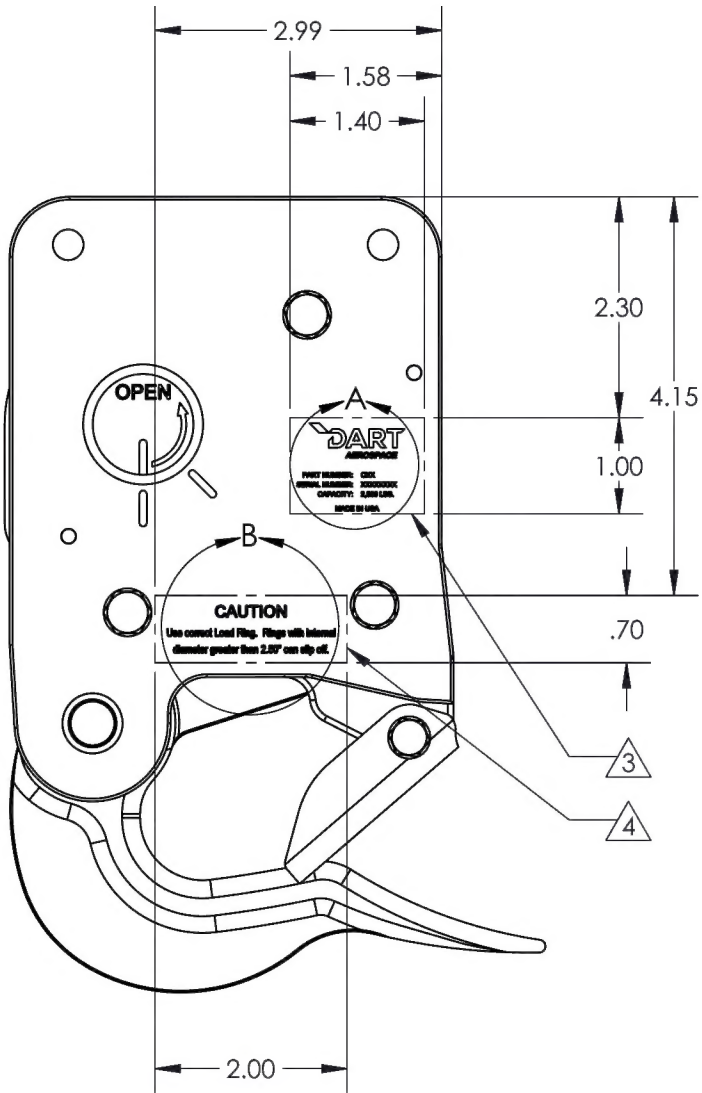


DART
AEROSPACE

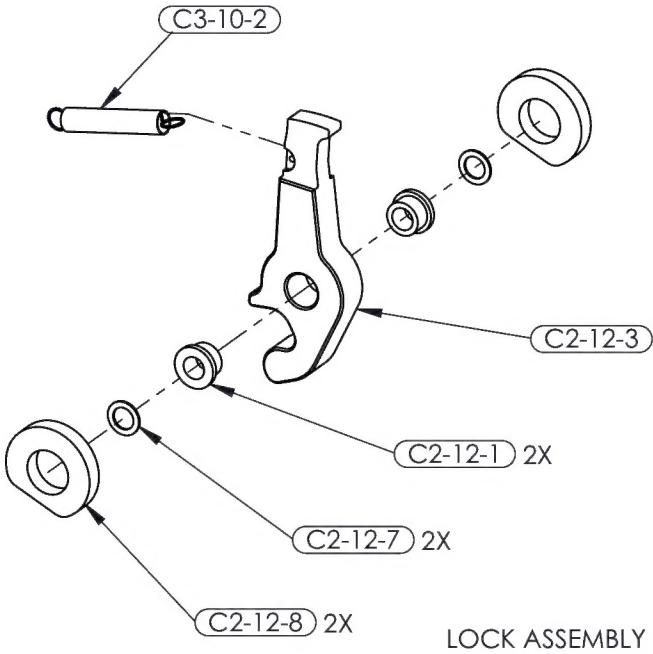
PART NUMBER: CXX
SERIAL NUMBER: XXXXXXXX
CAPACITY: 2,000 LBS.

MADE IN USA

DETAIL A
SCALE 2 : 1



NOTE:
3 LASER ENGRAVE DART LOGO, P/N, S/N, CAPACITY, "MADE IN USA," WITHIN BOUNDARY.
4 LASER ENGRAVE CAUTION NOTE, WITHIN BOUNDARY.



CAUTION

Use correct Load Ring. Rings with internal diameter greater than 2.50" can slip off.

DETAIL B
SCALE 2 : 1

DART AEROSPACE			
TITLE C2 HOOK ASSY			
DWG NO. C2		REV 2	
MAT'L		DRAWN BY: CANAM	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE 1:2	DATE	SHEET 3 OF 3	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. <u>C series hooks and SWA Swivels</u>	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input checked="" type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier Quality <input type="checkbox"/> </div> </div>			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QS1042) May, 9 2019 <i>M. Lee</i>	
Description Work Order Deviation		Disposition		Completed By	
The electrical wires listed under "Acceptable Alternate Wire" on the attached sheet are acceptable to use in place of the "Drawing Specified Wire"		This deviation is acceptable. No change to fit form or function. The job route must specify the wire that is called out on the drawing The inventory P/N must reflect the same P/N that was received from a vendor		Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause		FAULT CATEGORY			
<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input checked="" type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div>		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div>			

P/N	Revision	Drawing Specified Wire	Acceptable Alternate Wire
C2	2	MIL-C-27500 11-14416	N/A
C3	2	MIL-C-27500 11-14417	N/A
C10	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C15	2	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C20	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C45	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C60	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C250	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-4	3	EL 414-ARTIC 4/14	Texcan 01121-744A5
SWA6A-2	E	Texcan 01121-724AM	N/A
SWA6A-3	E	Texcan 01121-734A5 or 01004-08-047	N/A
SWA6A-4	E	Texcan 01121-744A5	N/A
SWA6A-6	E	Texcan 04121-764A5	N/A
SWA6A-8	E	Texcan 12701-08-014 or McMaster 7081K38	N/A
SWA10A-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-4	3	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA10A-6	3	EL 616 ARTIC	Texcan 04121-764A5
SWA10A-8	3	Polar Wire 30806	Texcan 12701-08-014 or McMaster 7081K38
SWA15A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA15A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SWA15A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38
SAW25A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SAW25A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SAW25A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38